

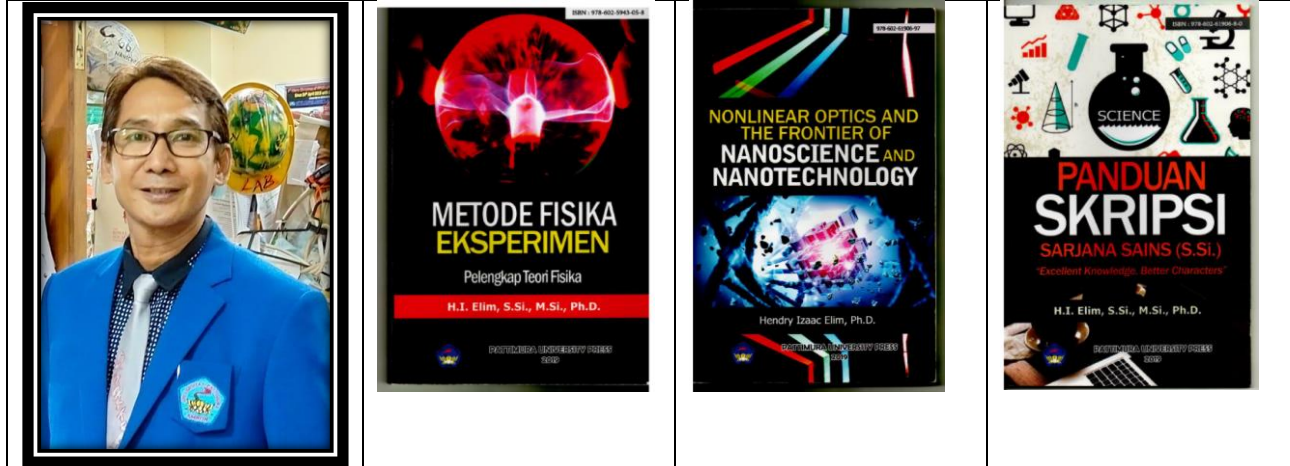
Prof. Hendry Izaac Elim, S.Si (UGM), M.Si (ITB), Ph.D (NUS)

NIP. 196901221996031001

NIDN. 0022016903

URL: <http://elimlaboratory.website2.me> atau <http://profhendryielim.website2.me>

ORCID ID: [0000-0002-4272-7115](https://orcid.org/0000-0002-4272-7115)



adalah ahli Fisika Nanosains, Nanoteknologi, dan Nanomedicine berpengalaman secara internasional dan telah melewati pengalaman riset mengembangkan ilmu sebagai peneliti *postdoctoral* di National University of Singapore (NUS, 2016-2017) serta sebagai *research assistant Professor* di Tohoku university, Japan (2007-2012).

Prof. Elim memperoleh promosi Guru Besar pada bidang Fisika Nanosains dan Nanoteknologi di Indonesia pada bulan Desember 2022 setelah mengembangkan ilmu Fisika Nanosains, Nanoteknologi dan obat herbal pada jurusan Fisika, FMIPA dan Pusat Penelitian Nanoteknologi dan Rekayasa Inovasi (PPNRI) yang didirikannya untuk pertama kali di seluruh Indonesia timur pada 24 April 2015 hingga sekarang ini.

Beliau memperoleh S1 dari Fisika Teori, Jurusan Fisika, FMIPA, Universitas Gadjah Mada (UGM), Yogyakarta di tahun 1995, dibawah bimbingan Prof Muslim, PH.D. Sedangkan S2 pada tahun 1999 dan S3 pada tahun 2005 masing masing dari Fisika Teori, Jurusan Fisika, FMIPA, Institut Teknologi Bandung (ITB) dengan dibimbing Prof. F.P. Zen, D.Sc. dan Fisika Nanosains dan Nanoteknologi di Jurusan Fisika, Fakultas Sains, dengan *supervisor* Prof. Ji Wei, PH.D pada National University Singapore (NUS).

Prof. Elim adalah ilmuwan Fisika Indonesia rank 6 (sesuai AD Scientific Index 2023) yang masuk 50 besar ilmuwan Indonesia overall di Sinta 3.0, Kemen Dikbud-Ristek di 2022 dengan h index pada Web of Science = 26 atau h-index SCOPUS = 27 dengan sitasi total di google scholar lebih dari ~4140.

Banyak penemuan dibidang nonlinear optik dari sifat sifat fisis berbagai material terbaru yang berukuran nano baik organik, inorganik maupun superhybrid telah dipublikasikannya sejumlah lebih dari 101 papers serta di presentasikan pada berbagai *quest lectures*, *invited talks* dan *international conferences chairman* dalam 22 tahun terakhir karirnya sebagai ilmuwan Fisika murni (*pure physicist*).

Prof. Elim pada Hari natal Unpatti ke 54 yaitu di 18 Desember 2017, mendapat penghargaan ilmuwan Indonesia terbaik asal universitas Pattimura dari Rektor Unpatti, Prof M.J. Saptanno. Penghargaan Penting lainnya yaitu Satya Lancana Karya Satya XX dari president RI Ir. Joko Widodo di tahun yang sama.

Total mahasiswa S1 Fisika yang telah dididik nya dalam 8 tahun terakhir sekitar 83 orang dengan total publikasi yang dihasilkan berkat kontribusi mereka mencapai 34. 3 mahasiswa diantara lulusan tersebut lulus dengan predikat Cum Laude, dan 1 mahasiswa adalah M.Eng asal Nordhausen University of Applied Sciences, Germany.

Selanjutnya dalam 22 tahun terakhir karir Prof Elim telah menulis 3 buku *text books* dengan total internasional

publication ~97 didominasi pada berbagai jurnal Q1. Prof. Elim Juga telah mengabdikan sebagai **Editor-in-Chief (EIC)** pada jurnal penemuan, [Science Nature](#), dan [Pattimura Excellence Journal of Language and Culture](#), serta **associate editor** pada [Analytical Chemistry Letters](#) dan **editor** pada berbagai jurnal internasional yang bersifat multidisipliner seperti [IJHMC](#).

Daftar Publikasi Prof. H.I. Elim, Ph.D (Rangkuman):

Google Scholar Profile search

Profile name: Find a profile... Prof. Hendry Isaac Elim, Ph.D - Professor of Physics at Pattimura University, Indonesia

Profile ID: MinLaQAAAA "Physics of Stenec-Graviton Generator" "Multitasking Physics" "Physics of Nanoscience" "Nanotechnology and Nanomedicine" PHYSICS

Annual citations: Year 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023
New 21 59 82 132 173 226 243 249 266 231 245 265 249 228 236 390 300 270 206 39
Total 52 110 192 324 497 723 966 1215 1481 1712 1957 2222 2471 2699 2935 3325 3625 3895 4101 4140

Citation metrics

Publication years: 1998-2023
Citation years: 25 (1998-2023)
Papers: 158
Citations: 4140
Cites/year: 355.60
Cites/paper: 26.20
Authors/paper: 3.87
h-index: 30
g-index: 63
h₂norm: 18
h₂annual: 0.72
hA-index: 9
Papers with ACC >= 1.2, 5, 10, 20: 71, 56, 19, 7, 1

Paper details

New insights on the nanoparticle growth mechanism in the citrate reduction of gold (III) salt: formation of the Au nanowire intermediate and its nonlinear optical properties
BK Pong, HI Elim, JX Chong, W Ji, BL Trout, JY Lee (2007)
The Journal of Physical Chemistry C 111 (17), pp. 6281-6287, cited by 372 (23.19 per year)

Data Lengkap seluruh Publikasi Prof. H.I. Elim, Ph.D:

No.	Jumlah Citation	Authors	Judul paper	Tahun published	Nama Jurnal
1	371	BK Pong, HI Elim, JX Chong, W Ji, BL Trout, JY Lee	New insights on the nanoparticle growth mechanism in the citrate reduction of gold (III) salt: formation of the Au nanowire intermediate and its nonlinear optical properties	2007	The Journal of Physical Chemistry C 111 (17), 6281-6287
2	291	HI Elim, J Yang, JY Lee, J Mi, W Ji	Observation of saturable and reverse-saturable absorption at longitudinal surface plasmon resonance in gold nanorods	2006	Applied physics letters 88 (8), 83107
3	270	Y Zhu, HI Elim, YL Foo, T Yu, Y Liu, W Ji, JY Lee, Z Shen, ATS Wee, ...	Multiwalled carbon nanotubes beaded with ZnO nanoparticles for ultrafast nonlinear optical switching	2006	Advanced Materials 18(5), 587-592
4	265	J Yang, HI Elim, QB Zhang, JY Lee, W Ji	Rational synthesis, self-assembly, and optical properties of PbS- Au heterogeneous nanostructures via preferential deposition	2006	Journal of the American Chemical Society 128 (36), 11921-11926
5	218	SH Lim, HI Elim, XY Gao, ATS Wee, W Ji, JY Lee, J Lin	Electronic and optical properties of nitrogen-doped multiwalled carbon nanotubes	2006	Physical Review B 73(4), 45402

6	200	AH Yuwono, B Liu, J Xue, J Wang, HI Elim, W Ji, Y Li, TJ White	Controlling the crystallinity and nonlinear optical properties of transparent TiO ₂ -PMMA nanohybrids	2004	Journal of Materials Chemistry 14 (20), 2978-2987
7	166	AH Yuwono, J Xue, J Wang, HI Elim, W Ji, Y Li, TJ White	Transparent nanohybrids of nanocrystalline TiO ₂ in PMMA with unique nonlinear optical behavior	2003	Journal of Materials Chemistry 13(6), 1475-1479
8	159	HI Elim, W Ji, AH Yuwono, JM Xue, J Wang	Ultrafast optical nonlinearity in nanocomposites	2003	Applied physics letters 82(16), 2691-2693
9	153	KC Chin, A Gohel, WZ Chen, HI Elim, W Ji, GL Chong, CH Sow, ATS Wee	Gold and silver coated carbon nanotubes: an improved broad-band optical limiter	2005	Chemical Physics Letters 409 (1-3), 85-88
10	120	GX Chen, MH Hong, TC Chong, HI Elim, GH Ma, W Ji	Preparation of carbon nanoparticles with strong optical limiting properties by laser ablation in water	2004	Journal of Applied Physics 95(3), 1455-1459
11	101	J He, W Ji, GH Ma, SH Tang, HI Elim, WX Sun, ZH Zhang, WS Chin	Excitonic nonlinear absorption in CdS nanocrystals studied using Z-scan technique	2004	Journal of Applied Physics 95(11), 6381-6386
12	91	L Tian, HI Elim, W Ji, JJ Vittal	One-pot synthesis and third-order nonlinear optical properties of AgInS ₂ nanocrystals	2006	Chemical communications , 4276-4278
13	88	HI Elim, B Cai, Y Kurata, O Sugihara, T Kaino, T Adschiri, AL Chu, ...	Refractive Index Control and Rayleigh Scattering Properties of Transparent TiO ₂ Nanohybrid Polymer	2009	The Journal of Physical Chemistry B 113(30), 10143-10148
14	88	KC Chin, A Gohel, HI Elim, W Chen, W Ji, GL Chong, CH Sow, ATS Wee	Modified carbon nanotubes as broadband optical limiting nanomaterials	2006	Journal of materials research 21(11), 2758-2766
15	88	HI Elim, W Ji, GH Ma, KY Lim, CH Sow, CHA Huan	Ultrafast absorptive and refractive nonlinearities in multiwalled carbon nanotube films	2004	Applied physics letters 85(10), 1799-1801
16	86	YJ Liu, XW Sun, HI Elim, W Ji	Gain narrowing and random lasing from dye-doped polymer-dispersed liquid crystals with nanoscale liquid crystal droplets	2006	Applied physics letters 89(1), 11111
17	70	GX Chen, MH Hong, TS Ong, HM Lam, WZ Chen, HI Elim, W Ji, TC Chong	Carbon nanoparticles based nonlinear optical liquid	2004	Carbon 42 (12-13), 2735-2737
18	69	D Darbar, MR Anilkumar, V Rajagopalan, I Bhattacharya, HI Elim, ...	Studies on spinel cobaltites, MCo ₂ O ₄ (M= Mn, Zn, Fe, Ni and Co) and their functional properties	2018	Ceramics International 44(5), 4630-4639
19	52	HI Elim, W Ji, MT Ng, JJ Vittal	nanorods: A semiconducting material for saturable absorber	2007	Applied physics letters 90(3), 33106
20	44	B Cai, O Sugihara, HI Elim, T Adschiri, T Kaino	A novel preparation of high-refractive-index and highly transparent polymer nanohybrid composites	2011	Applied physics express 4(9), 92601
21	44	HI Elim, R Anandakathir, R Jakubiak, LY Chiang, W Ji, LS Tan	Large concentration-dependent nonlinear optical responses of starburst diphenylaminofluorene-carbonyl methano [60] fullerene pentads	2007	Journal of Materials Chemistry 17(18), 1826-1838
22	42	HI Elim, J Ouyang, SH Goh, W Ji	Optical-limiting-based materials of mono-functional, multi-functional and supramolecular C60-containing polymers	2005	Thin Solid Films 477 (1-2), 63-72
23	41	YJ Liu, XW Sun, HI Elim, W Ji	Effect of liquid crystal concentration on the lasing properties of dye-doped holographic polymer-dispersed liquid crystal transmission gratings	2007	Applied physics letters 90(1), 11109
24	41	HI Elim, W Ji, F Zhu	Carrier concentration dependence of optical Kerr nonlinearity in indium tin oxide films	2006	Applied Physics B 82(3), 439-442
25	38	R Kunwar, M Harilal, SG Krishnan, B Pal, II Misnon, CR Mariappan, ...	Pseudocapacitive charge storage in thin nanobelts	2019	Advanced Fiber Materials 1(3), 205-213
	37	HI Elim, SH Jeon,	Nonlinear Optical Transmission Properties of C60 Dvads Consisting of a Light-Harvesting	2008	The Journal of Physical Chemistry B 112(32), 9561-9564

26		S Verma, W Ji, LS Tan, A Urbas, LY Chiang	Diphenylaminofluorene Antenna		
27	36	KC Chin, A Gohel, HI Elim, W Ji, GL Chong, KY Lim, CH Sow, ATS Wee	Optical limiting properties of amorphous SixNy and SiC coated carbon nanotubes	2004	Chemical physics letters 383 (1-2), 72-75
28	36	W Ji, HI Elim, J He, F Fitriawati, C Baskar, S Valiyaveetil, W Knoll	Photophysical and nonlinear-optical properties of a new polymer: Hydroxylated pyridyl para-phenylene	2003	The Journal of Physical Chemistry B 107(40), 11043-11047
29	32	AH Yuwono, J Xue, J Wang, HI Elim, W Ji	Titania-PMMA nanohybrids of enhanced nanocrystallinity	2006	Journal of electroceramics 16(4), 431-439
30	31	HI Elim, Y Zhu, CH Sow	Length dependence of ultrafast optical nonlinearities in vertically aligned multiwalled carbon nanotube films	2016	The Journal of Physical Chemistry C 120(31), 17733-17738
31	30	M Bystrzejewski, H Lange, A Huczko, HI Elim, W Ji	Study of the optical limiting properties of carbon-encapsulated magnetic nanoparticles	2007	Chemical Physics Letters 444 (1-3), 113-117
32	29	HI Elim, J Ouyang, J He, SH Goh, SH Tang, W Ji	Nonlinear optical properties of mono-functional 1, 2-dihydro-1, 2-methanofullerene [60]-61-carboxylic acid/polymer composites	2003	Chemical physics letters 369 (3-4), 281-286
33	28	HI Elim, B Cai, O Sugihara, T Kaino, T Adschiri	Rayleigh scattering study and particle density determination of a high refractive index TiO ₂ nanohybrid polymer	2011	Physical Chemistry Chemical Physics 13(10), 4470-4475
34	27	HI Elim, W Ji, J Yang, JY Lee	Intensity-dependent enhancement of saturable absorption in nanohybrid composites: Evidence for resonant energy transfer by Auger recombination	2008	Applied Physics Letters 92(25), 251106
35	26	HI Elim	Nonlinear Optics and The Frontier of Nanoscience and Nanotechnology	2018	Research Text Book , Pattimura University Press, ISBN: 978-602-61906-9-7
36	26	JP Lang, QF Xu, W Ji, HI Elim, K Tatsumi	Syntheses, Crystal Structures and Optical Limiting Properties of Three Novel Organometallic Tungsten-Copper-Sulfur Clusters: [PPh ₄][(η ⁵ -C ₅ Me ₅) WS ₃ (CuCN) ₂] _n [(η ⁵ -C ₅ Me ₅) WS ₃ Cu ₂ ...	2004	European Journal of Inorganic Chemistry 2004(1), 86-92
37	26	J Ouyang, SH Goh, HI Elim, GC Meng, W Ji	Dynamic mechanical behavior and optical limiting property of multifunctional fullerene/polymer composite	2002	Chemical physics letters 366 (3-4), 224-230
38	25	GS. Zhai; H.L. Elim	Control System of Multitasking Interactions between Society 5.0 and Industry 5.0: A Conceptual Introduction & Its Applications	2020	Journal of Physics: Conference series 1463, 12035
39	25	HI Elim	Physics Of Multitasking Nanomedicine	2017	International Journal of Health Medicine and Current Research 2(3), 509-519
40	23	HI Elim, W Ji, GC Meng, J Ouyang, SH Goh	Nonlinear optics and optical limiting properties of multifunctional fullerene/polymer composite	2003	Journal of Nonlinear Optical Physics & Materials 12(2), 175-186
41	21	HI Elim	Nanomedicine with its multitasking applications: a view for better health	2017	IJHMC 2, 353-357
42	20	HI Elim	Scientific Breakthrough Based on Natural Creation: "1 Diamond with 7 Eyes"	2018	COJ Reviews and Research 1(1), 1-3
43	19	HI Elim	2, 3, 4, 5, and Arend L. Mapanawang6*, 2018 "The Attractive Differences Of Two Types Of Herbal Medicine From Zingiberaceae Fruit (Golobe Halmahera)"	2018	International Journal of Health Medicine and Current Research 3(1), 826-834
44	19	GX Chen, MH Hong, LS Tan, TC Chong, HI Elim, WZ Chen, W Ji	Optical limiting phenomena of carbon nanoparticles prepared by laser ablation in liquids	2007	Journal of Physics: Conference Series 59(1), 60
45	18	HI Elim, AL Mapanawang, MV Reddy	A creative proposal to improve woman and child health: from the knowledge of physical nanoscience to nanotechnology implementation and products	2019	CPQ Women and Child Health 1(6), 1-11
46	17	KP Abhilash, PC Selvin, B Nalini, R Jose, X Hui, HI Elim, MV Reddy	Correlation study on temperature dependent conductivity and line profile along the LLTO/LFP-C cross section for all solid-state Lithium-ion batteries	2019	Solid State Ionics 341, 115032
47	17	HI Elim	THE FIRST 1000 ATOMS IN HEALING PROCESS: FROM NANOTECHNOLOGY TO NANOMEDICINE	2018	International Journal of Health Medicine and Current Research 3(4), 1044-1046
48	17	HI Elim	METODE FISIKA EKSPERIMEN: PELENGKAP TEORI FISIKA: "To be Perfect like The 1 Who Created Our Incredible Universe"	2018	Buku ajar (Pattimura University Press)
	17	GX Chen, MH Hong, Q He, WZ Chen, HI Elim, W Ji,	Formation, structure and nonlinear optical properties of carbon nanoparticles synthesized by pulsed laser ablation	2004	Applied Physics A 79(4), 1079-1082

49		TC Chong			
50	16	HI,Elim; A.L. Mapanawang	Unique Chemical Bonding Behavior of Love Herbal Medicine and Its Ability as a Chemotherapy Drug	2018	Journal of Nanomedicine and Nanotechnology 9(3), 1000503
51	15	HI Elim	Multitasking Herbal Nanomedicine: A Frontier Report	2019	Nanoscale Reports 2(1), 22-30
52	15	HI Elim	Theory, Implementation and the nature of truth (TIN) in nanoscience, nanotechnology, and nanomedicine (nnn): from the beginning of universe to nm scale behavior	2019	Kenkyu Journal of Nanotechnology &Nanoscience 5: 33, 36.
53	15	HI Elim, AL Mapanawang	Electronics physical system of large antioxidant structure in herbal medicine based Zingiberaceae fruit: Understanding and application	2018	Int J Nano Res Appl 1(1), 1-4
54	14	AL Mapanawang, HI Elim	Chemical bonding character of love herbal medicine: a prominent medicine candidate for preventing hiv virus	2018	Nanotechnology &Applications (1)
55	14	HI Elim, R Talapessy, N Sari	Water contaminated CaCO3 and its optical process of aggregation	2016	International Journal of Health Medicine and Current Research 1(1), 102-108.
56	14	AH Yuwono, J Xue, J Wang, HI Elim, W Ji	Transparent TiO2-PMMA nanohybrids of high nanocrystallinity and enhanced nonlinear optical properties	2005	Journal of Nonlinear Optical Physics &Materials 14(2), 281-297
57	13	HI Elim, MVV Reddy, R Jose	A Frontier 2D Nanobattery: "Improving Challenges (Hotumese) and Development"	2019	Science Nature 2(2), 114-121
58	13	HI Elim, LY Chiang	Nanochip medicine: physical chemistry engineering	2019	Science Nature 2(1), 86-89
59	13	HI Elim	The Discovery of new globe and its amazing healing system	2019	Science Nature 2(1), 66-70
60	11	AL Mapanawang, HI Elim	Pangi leaf (Pangium edule Reinw) herbal medicine: a marvelous candidate for the prominent hiv herbal medicine	2019	Science Nature 2(2), 97-104
61	10	H Izaac Elim, E Kembauw, RH Siahainenia, JSA Lamerkabel, ...	Heavenly small islands simple technology &its cultural economy impacts in Maluku, Indonesia: a new proposed Multitasking Philosophy in Diversity (MPD)	2019	Science Nature 2(4), 192-207
62	9	HI Elim	From Molecular Electronics System (MES) to Advanced Nanotechnology: A Progress of Frontier Development	2020	Nano Progress 2(4), 7-11
63	9	IF Seay, HI Elim	The observation of fast, long term, and stable performance of toxic absorption in herbal blessing product based on galoba maluku (Zingiberaceae Fruits)	2019	Science Nature 2(2), 122-127
64	9	HI Elim	Basic Universe of Molecular Electronics System (MES): Introduction and its Applications in Harvesting Daily Life	2019	Science Nature 2(4), 232-238
65	9	JYL Hendry I. Elim, Wei Ji, Mohan Singh Dhoni, N. Venkatram, Jian Yang	Aspect-ratio Dependence of Optical Nonlinearities on Resonance with Longitudinal Surface Plasmon in Au Nanorods: Unique Character versus Common Behavior	2018	Science Nature 1(1), 1-7
66	8	HI Elim, M Rahman, WS Tutupoho, RR Latuconsina, AA Pattipeilohy	Flexible Thin Battery with Fast and Sensitive Voltage Control by a Simple Mechanical Bending: No Energy without Working	2019	Science Nature 2(3), 157-166
67	8	MJ Saptenno, S Sisinaru, E Ubwarin, WA Siahaya, HI Elim	Customary Law Associated with Five Integrated Aspects in Developing Traditional Coastal and Marine Protections for Improving Social People Life and Natural Products in Aru ...	2019	Science Nature 2(2), 105-113
68	8	A Masrikat, HI Elim	Unique Physical and Chemical Properties of Kian Sand Worm (Siphonoma ur-pulau) Traditional Medicine: Electrical, Optical and Chemical Response of Edible Powder with Different ...	2019	Biochemistry and Modern Applications 2(1), 51-54
69	7	A Masrikat, Y Noya, HI Elim	Image Processing and Optical-Electricity Property of Traditional Medicine Products from Kian Sand Worm (Siphonoma ur-pulau)	2019	Science Nature 2(3), 148-156
70	7	GX Chen, MH Hong	Time-resolved analysis of nonlinear optical limiting for laser synthesized carbon nanoparticles	2010	Applied Physics A 101(3), 467-470
71	6	HI Elim	Is Your Brain Strong Enough to Solve Hard Problems?: Brain Vitamins as a Simple Example for Multitasking Nanotechnology Scientists	2020	Science Nature 3(1), 244-256
72	6	HI Elim, W Chen, W Ji, Z Zhong, J Lin, GC Meng, KC Chin, A Gohel, ...	OPTICAL LIMITING STUDIES OF NEW CARBON NANOCOMPOSITES AND AMORPHOUS SixNy OR AMORPHOUS SiC COATED MULTI-WALLED CARBON ...	2004	Journal of Nonlinear Optical Physics &Materials 13(2), 275-289
73	6	FP Zen, HI Elim	Lax Pair Formulation and Multi-soliton Solution of the Integrable Vector Nonlinear Schrodinger Equation	1999	arXiv preprint solv-int/9902010
74	6	FP Zen, HI Elim	Multi-soliton Solution of the Integrable Coupled Nonlinear Schrodinger Equation of Manakov Type	1999	arXiv preprint solv-int/9901010
75	5	P Nanlohy, NS Hehanussa, AS Atmadipoera, IW Nurjaya, HI Elim	A unique cyclonic and anti-cyclonic eddies current character in Banda sea	2017	INTERNATIONAL JOURNAL OF HEALTH MEDICINE AND CURRENT RESEARCH-IJHMCR 2 (4 ...
76	5	FP Zen, HI Elim	Soliton solution of the integrable coupled nonlinear Schrodinger equation of Manakov type	1998	arXiv preprint hep-th/9812215

77	4	HI Elim	Panduan Skripsi Sarjana Sains (S.Si)	2018	ISBN: 978-602-61906-8
78	4	AL Mapanawang, HI Elim	Chemical bonding characters of love herbal medicine	2018	J. Nanomed. & Nanotech 9, 63
79	4	HI Elim, Ronaldo Talapessy, Rafael Martinus Osok, Sawia, and Eliyas Andreas	, From Rubbish to a Large Scale Industry: A Simple Fabrication of Superfiber with Multitasking Applications	2015	Journal of Environmental Science and Engineering B 4, 620-623
80	3	HI Elim	Large nonlinear absorption in single aggregate of silver nanoparticles observed with z-scan imaging technique	2021	AIP Advances 11(11), 115015
81	3	IWNASA H.I. Elim, P. Nanlohy, Nasrin Silawane	Sound Velocity Properties due to Salinity, Temperature and Depth of The Whole Banda Sea: A Marvelous Thing of The ~318 Meter Surface of Deep Sea	2018	Advances in Theoretical and Computational Physics 1(1), 1-5
82	3	HI Elim, P Nanlohy, R Lalita, N Sahartira, H Silawane, AS Atmadipoera	Typical Character in the South of Banda Sea Based on Thickness and Variability in the Upper Limit Thermocline Area and Its Relationship with Sound Velocity	2017	INTERNATIONAL JOURNAL OF HEALTH MEDICINE AND CURRENT RESEARCH-IJHMCR 2 (4 ...
83	2	MRA Kumar, HI Elim, MS Idris, AH Yuwono, B Yulianto, PTD Rompas, ...	Hydro thermal synthesis and electrochemical characterization of (V1/2Sb1/2Sn) O4and (Fe1/2Sb1/2Sn) O4as energy storage materials	2021	6th International Conference on Basic Sciences 2020, ICBS, 50001 . American Institute of Physics Conference Series 2360(1), 50001
84	2	H.I. Elim, Nur Arafah Mahubessy, Hanoch J. Sohilaht	Unique Physical Behavior with Two Main Integrated Types of Chemical Substances of Herbal Medicine based Insulin Leaf (Tithonia diversifolia (Hemsley) A. Gray (Asteraceae)): A ...	2021	Science Nature 4(1), 304-317
85	2	B Vidyadharan, B Pal, II Misnon, HI Elim, R Jose	Multifunctional nanowires and hierarchical 3D nanostructures of material composites for energy storage	2020	Journal of Physics: Conference Series 1463(1), 12036
86	2	HI Elim	Simple Technology to Develop Marine Wastes: From a Prototype to a Large Scale Industry	2015	International Proceeding of 1st International Conference on Applied Marine ...
87	2	HI Elim, W Ji, T Lu, MT Ng, JJ Vittal	Large nonlinear optical properties of ternary quantum dots and nanorods	2007	Nanophotonic Materials IV 6639, 7-18
88	1	HI Elim	Physical Healing System of Herbal Medicine based Galoba fruits (Zingiberaceae sp.): A Feeling Side of "1 Medicine with 7 Spirits"	2021	AIP Conf. Proc. 2360 (2021-09-03), 181-187
89	1	HI Elim	Advancing Frontier Nanophysics in Time of Analytical Chemistry: Who to educate first?	2020	Science Nature 3(3), 275-281
90	1	YP Iswahyudi, HI Elim	Stamec-Gravitism: A Simple Theoretical Study to Inspire a Prototype Fabrication for Mobile Perpetual Electricity Generator	2020	Science Nature 3(2), 257-274
91	1	B Cai, O Sugihara, HI Elim, T Adschiri, T Kaino	An approach of high refractive index and highly transparent polymer nanocomposite fabrication	2011	17th Microoptics Conference (MOC), 1-2.
92	1	HI Elim, B Cai, O Sugihara, T Kaino, T Adschiri	Size-and concentration-dependent of Rayleigh scattering properties of titanium dioxide nanohybrid polymer	2010	Linear and Nonlinear Optics of Organic Materials X 7774, 65-73
93	1	H Yu, WH Zhang, ZG Ren, JX Chen, CL Wang, JP Lang, HI Elim, W Ji	Formation of new organometallic W/Cu/S clusters from reactions of [(η5-C5Me5) WS3] 3Cu7 (MeCN) 9(PF6) 4 with donor ligands. Crystal structures and optical limiting properties ...	2005	Journal of organometallic chemistry 690(17), 4027-4035
94	1	HI Elim, J Ouyang, SH Goh, W Ji	Nonlinear optical performances of supramolecular 1-(4-Methyl)-piperazinyllfullerene [60]-containing polysiloxane	2003	arXiv preprint cond-mat/302463
95	1	HI Elim	New Integrable Coupled Nonlinear Schrodinger Equations	1999	arXiv preprint solv-int/9907007
96	0	RR Latuconsina, BDP Raju, HI Elim	Fabrication and characterization of voltage control in thin flexible battery (TFB) using merbau iron wood (Instia sp.) waste material	2023	AIP Conference Proceedings 2642(1), 40002
97	0	MM Nikijuluw, T Papasoka, HI Elim, P Nanlohy	BELAJAR SAMBIL BERMAIN KOSA KATA BAHASA INGGRIS PADA SISWA SEKOLAH DASAR: EVALUASI MOTIVASI DAN PENGETAHUAN	2022	J-Gefüge (German für Gesellschaft) 1(1), 9-18
98	0	HI Elim, MV Reddy, M Rahman, RR Latuconsina, AA Pattipeilohy	Encyclopedia of Green Materials. Springer Nature . Perpetual Voltage Control with Flexible Thin Battery from Green Garbage Materials •• Perpetual Voltage Control with Flexible Thin Battery from Green Garbage Materials SpringerLink P Perpetual Voltage Control with Flexible Thin Battery from Green Garbage Materials	2022	Text Book (our work is a chapter of it: DOI: 10.1007/978-981-16-4921-9_255-1
99	0	HI Elim	Mapping World Language: is Proto-Indo-European the First one?	2021	Pattimura Excellence Journal of Language and Culture 1(2), 42-47
	0	Jusuf Madubun, Mariana Lewir,	Fenomena Sains & Sosial Humaniora di Era Industri 4.0: Percikan Pemikiran Mahasiswa	2021	Publisher: Manggu, Makmur

100		H.I. Elim (Editors)	Universitas Pattimura		Tanjung Lestari ISBN: 9786236003107 (Book)
101	0	HI Elim	Integrated 8 Wisdom Compounds Interaction in Multitasking Healing System: Confinement Energy in 4D Frequency Interconnection	2021	Science Nature 4(1), 326-337
102	0	HI Elim	Refractive Index Border Associated with Nonlinear Optical Properties in Superhybrid Transparent TiO ₂ Nanoparticles-Polymer: Great Potential for Ultrafast Optical Waveguide in ...	2020	Science Nature 3(4), 282-289
103	0	HI Elim, B Cai, O Sugihara, T Kaino, T Adschiri	A Novel Simple Technique to Study Mie Scattering Imaging with Photon Counts: Introduction and Its Applications	2019	JAMFAS
104	0	S SAMANERY, HI Elim	ANALISIS ENERGI LISTRIK DC SISTEM IEM-FC (Inorganic Electrolyte Membrane Fuel Cell) DENGAN SUMBER ENERGI AIR SUNGAI ERANG SERAM BARAT DAN AIR ALPHA SPIN: â€œPENDAHULUAN DARI ...	2019	JAMFAS
105	0	HI Elim, AL Mapanawang, and MV Reddy	A Creative Proposal to Improve Woman and Child Health: from the Knowledge of Physical Nanoscience to Nanotechnology Implementation and Products	2019	CPQ Women and Child Health, 1 (6),
106	0	A Masrikat, HI Elim	Unique Physical and Chemical Properties of Kian Sand Worm (Siphonosoma ur-pulau) Traditional Medicine: Electrical, Optical and Chemical Response of Edible Powder with Different Sizes	2019	Biochemistry and Modern Applications DOI: 10.33805/2638-7735.123
107	0	HI Elim	Mini Report ISSN: 2455-183X Theory, Implementation and the Nature of Truth (TIN) in Nanoscience, Nanotechnology, and Nanomedicine (NNN): From the Beginning of Universe to nm ...	2019	
108	0	HI Elim	Metode Fisika Eksperimen: Pelengkap Teori Fisika	2018	Pattimura University Press, ISBN: 978-602-5943-5-8
109	0	JL Natasian, HI Elim	SIMPLE VISUALIZATION THEORY FOR INVESTIGATING THE MECHANICAL BEHAVIOR OF A NOVEL FIBER	2017	Pattimura Proceeding: Conference of Science and Technology, pp. 101-106
110	0	HI Elim	Smart Innovative Technology for the NOVEL Superfibers Development of Ocean Wastes, Memuliakan Laut, Pattimura University Press, pp.250-263 (2017)	2017	Buah Pikiran Akademisi Universitas Pattimura, Publisher ... Memuliakan Laut
111	0	Elim (Elim Heaven) Hendry Izaac, R Talapessy, NABR Sari	WATER CONTAMINATED CaCO ₃ AND ITS OPTICAL PROCESS OF AGGREGATION	2016	INTERNATIONAL JOURNAL OF HEALTH MEDICINE AND CURRENT RESEARCH-IJHMC R 1 (1 ...
112	0	O Sugihara, B Cai, HI Elim, T Adschiri, T Kaino	Preparation of Photo-Cured Organic-Inorganic Hybrid Materials with High Refractive Index	2013	IEICE Technical Report; IEICE Tech. Rep. 113(18), 61-64
113	0	HI Elim, B Cai, O Sugihara, T Kaino, T Adschiri	Simple technique for studying Mie scattering behavior of nanohybrid polymer material	2011	17th Microopics Conference (MOC), 1-2
114	0	B Cai, O Sugihara, HI Elim, T Kaino, T Adschiri	Fabrication of high refractive index polymer nano-hybrid composite film	2011	IEICE Technical Report; IEICE Tech. Rep. 110(463), 5-9
115	0	O Sugihara, B Cai, HI Elim, T Kaino, K Komatsu	Preparation of Nanoparticle-Doped Hybrid Polymers and Photonic Applications	2010	IEICE Technical Report; IEICE Tech. Rep. 109 (468), 17-22
116	0	HI Elim, B Cai, O Sugihara, T Kaino, T Adschiri	Rayleigh scattering study of titanium dioxide nanohybrid polymer	2010	IEICE Technical Report; IEICE Tech. Rep. 109 (468), 1-5
117	0	HI Elim, W Ji, L Tian, M Ng, JJ Vittal	Large nonlinear optical properties of ternary quantum dots and nanorods [6639-02]	2007	PROCEEDINGS-SPIE THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING 6639
118	0	W Ji, HI Elim	Multi-walled carbon nanotubes for all-optical switching	2006	Optoelectronic Materials and Devices 6352, 463-470
119	0	AH Yuwono, JM Xue, J Wang, HI Elim, W Ji, YY Li, TJ White	Nonlinear optical behavior of transparent nanohybrids of nanocrystalline TiO ₂ in poly (methyl methacrylate) prepared by in situ sol-gel polymerization technique	2005	Journal of Metastable and Nanocrystalline Materials 23, 367-370
120	0	GX Chen, MH Hong, ZB Wang, HI Elim, WZ Chen, HM Lam, W Ji, ...	Solvent effect and wavelength effect of laser-synthesized carbon nanoparticle colloids on optical limiting	2004	Fifth International Symposium on Laser Precision Microfabrication 5662, 71-76
121	0	W Ji, HI Elim, AH Yuwono, JM Xue, J Wang	Polymer-TiO ₂ /sub 2/hybrid nanocomposites for all-optical switching	2003	CLEO/Pacific Rim 2003. The 5th Pacific Rim Conference on Lasers and Electro ...

